

Methyl Iodide (with and without chloropicrin)
Field Fumigation Methods Allowed
California Code of Regulations, Chapter 2, Section 6446.1

Regulations to reduce emissions of volatile organic compounds (VOCs) from fumigant pesticides went into effect in 2008. The rules focus on field fumigant applications made between May 1 and October 31 in five “nonattainment areas” (NAAs) that do not meet federal air quality standards for pesticide VOC emissions. Application method requirements depend on:

- When the fumigant will be applied, and
- Where the fumigant will be applied.

Between November 1 and April 30, there is no change. Any field fumigant method previously allowed can be used, anywhere in California. (Regulations and permit conditions that already restricted the use of some fumigants still apply.)

Throughout the year, in areas outside the five NAAs there is no change. Any field fumigant method previously allowed can be used, anywhere in California. (Regulations and permit conditions that already restricted the use of some fumigants still apply.)

In the five NAAs, from May 1 to October 31, field fumigations are limited to specific methods listed in the regulations. (For a map of the NAAs and a list of geographic sections affected by the field fumigant regulations, go to www.cdpr.ca.gov, click on “A-Z Index,” then “Nonattainment area maps.”)

Key to abbreviations:

SAC Sacramento Metro (All of Sacramento and Yolo, parts of El Dorado, Placer, Solano, Sutter)
SC South Coast (All of Orange, parts of Los Angeles, Riverside, San Bernardino)
SJV San Joaquin Valley (All of Fresno, Kings, Madera, Merced, San Joaquin, Stanislaus, Tulare, parts of Kern)
SED Southeast Desert (Parts of Los Angeles, Riverside, San Bernardino)
VEN Ventura (all of Ventura)

Method: Day Tarpaulin/Shallow/Broadcast

Method Code: 1701

Method: Day Tarpaulin/Shallow/Bed

Method Code: 1702

Methyl Iodide Emission Rating: 100%

Chloropicrin Emission Rating: 64%

Method allowed (X) in these NAAs (May 1 –October 31):

SAC SC SJV SED VEN

✕ ✕ ✕ ✕ ✕

Method Description:

- The field soil fumigation of methyl iodide is limited to methods specifically identified in the labeling.

Methyl Bromide (with and without chloropicrin)
Field Fumigation Methods Allowed
California Code of Regulations, Chapter 3, Section 6447.3

Method: Day Tarpaulin/Deep/Broadcast	Method Code: 1703			
	Methyl Iodide Emission Rating: 100%			
	Chloropicrin Emission Rating: 44%			
Method allowed (X) in these NAAs (May 1 –October 31):				
SAC	SC	SJV	SED	VEN
✗	✗	✗	✗	✗
Method Description:				
<ul style="list-style-type: none">The field soil fumigation of methyl iodide is limited to methods specifically indentified in the labeling.				

Method: Day Chemigation (Drip)/Tarpaulin	Method Code: 1704			
	Methyl Iodide Emission Rating: 100%			
	Chloropicrin Emission Rating: 12%			
Method allowed (X) in these NAAs (May 1 –October 31):				
SAC	SC	SJV	SED	VEN
✗	✗	✗	✗	✗
Method Description:				
<ul style="list-style-type: none">The field soil fumigation of methyl iodide is limited to methods specifically indentified in the labeling.				

Method: Day Auger-Probe	Method Code: 1705			
	Methyl Iodide Emission Rating: 100%			
	Chloropicrin Emission Rating: 100%			
Method allowed (X) in these NAAs (May 1 –October 31):				
SAC	SC	SJV	SED	VEN
✗	✗	✗	✗	✗
Method Description:				
<ul style="list-style-type: none">• The field soil fumigation of methyl iodide is limited to methods specifically indentified in the labeling.				